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**IN THE CLAIMS:**

1. (cancel without prejudice or disclaimer)
2. (cancel without prejudice or disclaimer)
3. (currently amended) Solenoid valve according to claim ~~[[+]]~~ 18, characterized by a pole disk (48) that surrounds the pole core (21) at a distance and that, with the flat armature (38) delimits a partial area of the air gap lying radially on the outside, the pole disk (48) being arranged between the winding (12) and the flat armature (38).
4. (previously presented) Solenoid valve according to claim 3, characterized in that the pole disk (48) is connected to the housing (2).
5. (currently amended) Solenoid valve according to claim ~~[[+]]~~ 18, characterized by ~~[[a]]~~ the valve body (28) that is prestressed against a valve seat (34) by the plunger (36).
6. (cancel without prejudice or disclaimer)
7. (cancel without prejudice or disclaimer)
8. (cancel without prejudice or disclaimer)
9. (previously presented) Solenoid valve according to claim 5, characterized in that the valve seat (34) is formed of an insert piece (26) that is fastened in housing (2).
10. (currently amended) Solenoid valve according to claim ~~[[+]]~~ 18, characterized by a connecting hole (22) that is formed between a holding chamber (20) for the pole core (21) and a chamber (30) of the housing ~~on the drain side~~ in fluid communication with the flow terminal (T), through which the plunger (36) passes with radial play.
11. (currently amended) Solenoid valve according to claim ~~[[+]]~~ 18, characterized in that the armature chamber (56) is closed by a cover (42) through which coil pins (16) pass, whereby a gap between coil pin (16) and cover passage is sealed by means of a sealing ring.

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12. (previously presented) Solenoid valve according to claim 11, characterized in that the coil pins (16) are formed as connector pins.
13. (previously presented) Solenoid valve according to claim 11, characterized in that housing (2) is ~~serewed~~ screw connected with the cover (42).
14. (currently amended) Solenoid valve according to claim ~~[[+]]~~ 18, characterized in that housing (2) is ~~serewed~~ screw connected with a cover (42).
15. (currently amended) Solenoid valve according to claim ~~[[2]]~~ 18, characterized by a pole disk (48) that surrounds the pole core (21) at a distance and that, with the flat armature (38) delimits a partial area of the air gap lying radially on the outside.
16. (previously presented) Solenoid valve according to claim 15, characterized in that the pole disk (48) is connected to the housing (2).
17. (cancel without prejudice or disclaimer)
18. (new) Solenoid valve comprising:
  - a housing (2) including a pressure terminal (P) and a flow terminal (F);
  - a pole core (21) and a winding (12) being housed in the housing (2), the pole core (21) having an axial wall defining a hole, and the winding (12) surrounding the pole core (21);
  - a flat armature (38) being fastened to a plunger (36), the plunger (36) passing through the hole in the pole core (21), and the plunger (36) including flattenings (58) at its ends proximate end faces of the pole core (21);
  - an air gap being formed between the pole core (21) and the flat armature (38), the air gap being formed in a first position of the plunger (36) with respect to the pole core (21);
  - a valve body (28) being coupled to the plunger (36), the valve body (28) disconnecting the pressure terminal (P) from the flow terminal (F) in the first position of the plunger (36); and
  - an annular space (60) defining an equalization channel between the flattenings (58), the annular space (60) being bordered by the plunger (36) and the wall of the pole core (21), the annular space (60) providing fluid communication between the end faces of the pole core (21) and the flow terminal (T).

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19. (new) Solenoid valve according to claim 15, characterized in that the flat armature (38) overlaps the intermediate pole core (48) in the axial direction.
20. (new) Solenoid valve according to claim 18, characterized in that plug contacts (16), which are connected to the winding (12), are provided outside the flat armature (38).